

**Environmental
Resources
Management**

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22 July 2013

Ms. ZiZi Searles
Remedial Project Manager
Superfund Division (SFD-6-2)
US EPA, Region IX
75 Hawthorne Street
San Francisco, CA 94105

Subject: Monthly Progress Report for June 2013
OU3 RI/FS, Motorola 52nd Street Superfund Site

Dear Ms. Searles:

On behalf of Honeywell and Arizona Public Service Company, ERM-West, Inc. (ERM) is providing the United States Environmental Protection Agency with an update on the activities associated with implementing the Statement of Work included in the Administrative Order on Consent for Remedial Investigation and Feasibility Study at the Motorola 52nd Street Superfund Site, Operable Unit 3.

This progress report summarizes tasks and deliverables completed through 30 June 2013. Please feel free to contact me at (818) 970-7767, or via email at tony.ward@erm.com if you have any questions or comments regarding the attached progress report.

Sincerely, 

Anthony C. Ward, P.G.
OU3 Group Project Coordinator

BBV/0096498.027

Enclosures: Monthly Progress Report
Project Schedule

cc: Troy J. Kennedy, Honeywell
Judy Heywood, Arizona Public Service Company
Brian Stonebrink, Arizona Department of Environmental Quality
Claudia Garcia, United States Army Corps of Engineers
Sue Kraemer, Shaw Environmental, Inc.

OU3 RI/FS Monthly Progress Report for June 2013

Project Background:

This progress report describes activities associated with implementing the Motorola 52nd Street Superfund Site Operable Unit 3 (OU3) Study Area Remedial Investigation (RI) and Feasibility Study (FS) Statement of Work (SOW). This SOW is being implemented under an Administrative Settlement Agreement and Order on Consent (AOC) with the United States Environmental Protection Agency (EPA), EPA Region IX Docket No. 2008-17. The SOW includes the installation of seven new groundwater wells and four soil vapor monitoring wells, plus groundwater and soil vapor monitoring, aquifer testing, and preparation of an RI Report and FS Report.

ERM-West, Inc. (ERM) submitted the draft Planning Documents (*Quality Assurance Project Plan*, *Field Sampling Plan*, and the *OU3 Phase III Groundwater RI/FS Work Plan*) to the EPA for initial review on 20 November 2009. The OU3 Working Group received EPA approval of the Planning Documents, including the *Draft Groundwater RI/FS Work Plan*, on 15 July 2010 via e-mail. ERM received the formal notification letter of approval from the EPA by certified mail on 22 July 2010. On 17 September 2010, ERM provided the EPA the 15-day notification to begin well installation as described in Section 4.2.3 of the *OU3 Phase III Groundwater RI/FS Work Plan*. Mobilization in the field for this work began on 4 October 2010 and was completed during the week of 20 December 2010. The SVMW Installation was conducted from 18 April through 29 April, 2011 in accordance with the 10 March 2011 EPA approved Technical Memorandum No. 2 and the *OU3 Phase III Groundwater Remedial Investigation/Feasibility Study Work Plan* referenced above. Aquifer testing activities were conducted in accordance with the 21 July 2011 EPA approved *Technical Memorandum No. 3-Aquifer Test Work Plan*.

As an addendum to the *Final OU3 Phase III Groundwater RI/FS Work Plan*, Technical Memorandum No. 4, dated October 2012, was prepared to evaluate the current monitoring well network and propose activities to address the identified data gaps, including installation of additional monitoring wells. To expand the available data concerning contaminant fate and transport, *Technical Memorandum No. 5- Sampling for Aquifer Geochemical and Microbial Parameters* was prepared and submitted in Draft to EPA in February 2013. Additionally, in response to a request from EPA at the January 2013 Technical Working Group meeting, *Technical Memorandum No. 6 -Plan for Sampling of OU3 Wells for Semi-Volatile Organic Compounds in March 2013* was submitted in February 2013 and approved by EPA.

Summary of Work/Activities/Reports Required by the AOC/SOW this Reporting Period:

- In accordance with Technical Memorandum No. 5, semi-volatile organic compound groundwater un-validated analytical results were submitted to the EPA on 13 June 2013. However, the laboratory failed to report appropriately to the method detection limit, as requested by EPA. Therefore, the revised data will be re-submitted to the EPA upon receipt.
- March 2013 Semi-Annual groundwater un-validated analytical results were submitted to EPA on 13 June 2013 along with the semi-volatile organic compound data, as presented under the first bullet.
- Per the EPA's request, a groundwater well sampling schedule was submitted to the EPA on 13 June 2013 in preparation of the September 2013 semi-annual groundwater monitoring event.
- Submitted the *Monthly Progress Report May 2013* on 21 June 2013 (SOW Section 5.3).

Upcoming Scheduled and Anticipated Activities (next eight weeks):

- Facilitate discussions with members of the OU3 Working Group and EPA regarding the *DRAFT: Preliminary Summary of Records Review Activities Near Soil Vapor Monitoring Well SVMW-1* submitted to the EPA on 31 May 2013.
- Submit the *Technical Memorandum No. 4 Draft New Well Installation Report* in July 2013.
- Conduct field event planned for 29 July 2013 to retrieve Bio-trap® samplers installed 28 May 2013, and collect geochemical and groundwater parameter data in accordance with Technical Memorandum No. 6.
- Submit the *Draft March 2013 Semi-annual Groundwater Report* to the EPA in August 2013 (SOW Section 4.4).
- Submit the *Technical Memorandum No. 6 Draft Semi-Volatile Organic Compound Analysis Report* to the EPA in August 2013.
- Continue evaluation of potential vadose zone sources near soil vapor monitoring well SVMW-1, and consider additional future activities depending on discussion and if additional work is requested by the EPA.